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### College Catalog, 1927-1928, Extension

Buffalo State College

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## Vocational Industrial Courses

( at the Normal School )

The courses listed are for regularly employed teachers or for those who have completed the equivalent of the evening teacher training courses. All extension courses apply toward a permanent vocational teachers' certificate or supervisors' certificate, as outlined in the bulletin on "Qualification of Vocational Teachers" issued by the State Department of Education.

During the second semester additional courses in the field of Vocational Guidance, Junior High School Organization, English and Economics will be offered. Information will be given at a later date.

All extension courses carry Normal School credit and may be applied toward the degree of Bachelor of Science in Education provided the candidate has met the minimum requirement for resident study.

### 1. Organization and Teaching of Trade Shop Work.

9-10:40 a. m. Room 210. Two points credit.

A study of the aims and standards of achievement in vocational shop work; the standards for selecting and arranging instructional material; special methods of teaching; planning courses; shop management.

MR. MORRICE, Instructor in Machine Shop Practice, Buffalo State Normal School.

### 2. Organization and Teaching of Industrial Art Shop Work.

10:40 a. m.-12:20 a. m. Room 210. Two points credit.

Aims of Industrial Arts instruction; standards for selecting and arranging instructional material; the Industrial Arts project; special methods of teaching Industrial Arts; planning courses; shop management.

MR. MORRICE.

### 3. Industrial History.

10:40 a. m.-10:20 p. m. Room 331. Two points credit.

A brief treatment of early and modern history to show the function of industry in promoting the progress of civilization.

MR. GRABAU, Instructor in Vocational Industrial Department, Buffalo State Normal School.

### 4. Principles and Problems of Part-time Education.

Thursday, Hutchinson High School, 4:15-5:35 p. m. Room 176.

A study of the purposes and the problems of various courses in part-time classes. Special attention will be given to the study of qualifications of teachers; nature of the part-time teacher's duties; a general review of the organization and management of part-time work for both boys and girls.

MR. REGAN, Principal Continuation School, Buffalo.

*Helen G. Englebreck.*

## State Teachers College

at Buffalo



Extension Courses

1927-1928



## Extension Courses, 1927-1928



### PURPOSE.

The State Teachers College at Buffalo offers a three-year course leading to a diploma in elementary education, and a four-year course leading to the degree of Bachelor of Science (in Education.) In addition there are offered one and two-year courses for the training of vocational industrial teachers, and a four-year course in Home Economics.

The extension program is organized primarily to facilitate the completion of desired programs by teachers in service or by undergraduates. It also attempts to offer opportunity of extended training for increased efficiency, for personal satisfaction, or for promotion to supervisory, administrative or critic positions in elementary and junior high school fields.

Normal school graduates who have completed the former two-year course or the present three-year course may meet the requirements for the degree of Bachelor of Science (in Education) by pursuing summer session and extension courses.

### REGULATIONS.

Teachers in service and properly qualified undergraduates will be admitted to extension courses, subject to such restrictions as are hereinafter noted.

The first semester begins October 1, 1927, and closes February 4, 1928. The second semester begins February 4, 1928, and closes June 2, 1928. All classes will be held on Saturdays at the Teachers College, unless otherwise indicated. Saturday periods are from 9:00 to 10:40 A. M. and from 10:40 A. M. to 12:20 P. M.

Registration for the first semester will take place on Saturday, October 1, at 9:00 P. M. Changes in schedule will not be permitted after October 14. The right is reserved to limit registration in courses to thirty-five in number.

Prospective students who wish evaluation of credits should consult the Registrar. Reasonable credit will be granted for successful teaching experience which is certified by competent supervising officials.

The school library will be open on Saturdays for the convenience of students.



### FEES.

A fee of \$2.50 will be charged for each point of credit. Undergraduates who are taking a regular course will be admitted to extension courses without charge.

For all extra-mural courses which involve travel on the part of the instructor a fee of \$5.00 a point will be charged.

Fees are payable at registration. No student will be admitted to class until all charges have been met. Fees are not returnable except in case of change of program before the second session of any class.

### EXTRA-MURAL CENTERS.

The State Teachers College holds itself ready to offer extension work in any community or center within traveling distance. The selection of courses and instructors will be determined by joint conference between the Director of the Extension Program and the prospective students. Courses will be given on week-day afternoons or evenings or Saturday morning. A minimum registration of 25 is necessary for the establishment of such courses.

Requests for information regarding the extension program should be sent to Dr. Harry W. Rockwell, President, State Teachers College at Buffalo, N. Y., or to Stephen C. Clement, Director of the Extension Program.

### SUMMARY OF GENERAL PROGRAM.

#### First semester.

9:00-10:40

1. Work of the Critic Teacher.....	104
3. Principles of Education.....	100
7. Preschool Education .....	208
13. History of Europe Since 1870.....	319
16. Handwriting .....	202

10:40-12:20

8. Case Study of Problem Children.....	319
10. Art Appreciation A.....	316
11. Tennyson and Browning.....	209
15. College Algebra .....	211
17. Supervision of Extra-curricula Activities.....	104

#### Second semester.

9:00-10:40

2. Elementary School Curriculum.....	104
5. Supervision I .....	208
9. Teaching of Biology.....	314
14. American History, 1492-1789.....	319

10:40-12:20

4. Tests and Measurements.....	104
6. Educational Sociology .....	218
8. Case Study of Problem Children.....	319
12. Backgrounds in Literature.....	209
18. Geography of North America.....	102



## SATURDAY MORNING CLASSES AT THE TEACHERS COLLEGE.

### 1. The Work of the Critic Teacher.

First semester, 9-10:40 a. m. Room 104. Two points credit.  
(Tuition free to volunteer critics in this course only).

A systematic study of the work of the critic teacher in conducting the observation and participation for student teachers including the planning of lessons and the rating of student teaching. Preference will be given to those who are supervising the work of student teachers or who wish to do so. Dr. E. C. Hartwell, Dr. Ned Dearborn, and Dr. H. W. Rockwell will each assume responsibility for a portion of this course.

Harry J. Steel, A. M., Director of Training, Buffalo State Teachers College.

### 2. Elementary School Curriculum.

Second semester, 9-10:40 a. m. Room 104. Two points credit.

A study of the principles underlying the organization of subject matter for courses in the elementary school; examination of curricula, syllabi and texts in the light of these principles. Survey of scientific research in curricular content by subjects. Prerequisites—18 credit hours in education including Supervision I.

Mr. Steel.

### 3. Principles of Education.

First semester, 9-10:40 a. m. Room 100. Two points credit.

The aim of this course is to develop a general conception of the educational process by a study of the following problems: (a) What is education, the "process?" the "result?" (b) How does it take place? (c) How is it used? The "process" is shown to be an essential part of the whole process of organic, psychic and social evolution of the individual which is taking place naturally and incidentally. The various principles discovered in the study of these processes are studied with a view of controlling the educational process in its widest application.

Homer A. Bruce, A. M., Assistant in Education, Buffalo State Teachers College.

### 4. Educational Tests and Measurements.

Second semester, 10:40 a. m.-12:20 p. m. Room 104. Two points credit.

A brief course which aims to familiarize the classroom teacher with the "measuring" movement in education. Sufficient acquaintance with the fundamental statistical terms and methods will be given to enable students to read the literature of this yield intelligently. Evaluation of tests and scales, contact with some of the most important ones,

and some experience in handling tests will be provided. How to measure the results of teaching and thereby diagnose difficulties and improve classroom instruction will be the chief outcome sought in this course.

Charles C. Root, A. M., Head of Department of Education, Buffalo State Teachers College.

### 5. Supervision I.

Second semester, 9-10:40 a. m. Room 208. Two points credit.

The field, administrative organization, principles and planning of supervision; personal and group conferences; use of standard tests; teacher participation; selection of subject matter; history and present status of supervision.

Harry W. Rockwell, Ph. D., President, Buffalo State Teachers College.

### 6. Educational Sociology.

Second semester, 10:40 a. m.-12:20 p. m. Room 218. Two points credit.

A study of the educational processes and effects of various human groups, of the school as a social institution and of the education essential for effective living in modern institutions. Some consideration is also given to the sociological bases of curriculum construction. Certain social problems are studied because of their particular significance for educators.

George B. Neumann, Ph. D., Professor of Sociology, Buffalo State Teachers College.

### 7. Preschool Education.

First semester, 9-10:40 a. m. Room 208. Two points credit.

A survey of the movement for preschool education and a consideration of the nursery school as an educational institution.

Martha M. Reynolds, Ph. D., Professor of Psychology, Buffalo State Teachers College.

### 8. Case Study of Problem Children.

First and second semesters, 10:40 a. m.-12:20 p. m. Room 319. Four points credit.

Symptomology, diagnosis and treatment of such problem children as are found in all classrooms. Particular stress will be placed on study of the social environment as the chief factor in the creation of behavior patterns. Students will be required to make a detailed analysis of one case during the second semester. Registration limited to teachers of experience. Materials for this course will cost about \$5.00.

Stephen C. Clement, A. M., Professor of Education, Buffalo State Teachers College.



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9. The Teaching of Biology.

Second semester, 9-10:40 a. m. Room 314. Two points credit.

This course takes up the principles underlying the organization of the biological sciences; laboratory technique; the collection and preservation of class material; the general equipment of the laboratory; work of the classroom, laboratory, field, home and related industries; types of courses; textbooks; selection of subject matter, its arrangement and presentation; regents examinations.

W. C. Gorham, A. M., Professor of Science, Buffalo State Teachers College.

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10. Art Appreciation A.

First semester, 10:40 a. m.-12:20 p. m. Room 316. Two points credit.

A study of art principles as illustrated in architecture, sculpture, painting and the minor arts. A historical survey of the development of art through ancient and medieval times.

Charles B. Bradley, Head of Art Department, Buffalo State Teachers College.

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11. Tennyson and Browning.

1 First semester, 10:40 a. m.-12:20 p. m. Room 209. Two points credit.

This course will cover the major works of each poet. Emphasis will be placed on their ideas as representative of Victorian thought.

Earl Daniels, Ph. D., Professor of English, Buffalo State Teachers College.

2.

12. Backgrounds in Literature for the Upper Grades.

Second semester, 10:40 a. m.-12:20 p. m. Room 209. Two points credit.

Material for this course will be selected largely from the reading lists for the sixth, seventh, and eighth grades. Through biographical and critical discussion, and through wide collateral reading in the work of the writers under consideration, the students should gain from the course a richer background in literature, which could be used to make more effective and authoritative the teaching of English in the upper grades.

Dr. Daniels.

3.

13. History of Europe Since 1870.

First semester, 9-10:40 a. m. Room 310. Two points credit.

4. The course will review the state of Europe after the Franco-Prussian war, the problems of democracy and social reform, colonial expansion and its results. Especial emphasis will be given to the study of the causes of the World War, its social and political aspects,

its results, and the condition of the European countries today. This course is designed for the person who is interested in present day affairs and desires a knowledge of the present day conditions of the countries of Europe.

Robert O. DeMond, A. M., Professor of History, Buffalo State Teachers College.

14. History of the United States from 1492 to 1789.

Second semester, 9-10:40 a. m. Room 319. Two points credit.

This course is designed to give teachers a broad view of colonial history. The European background is carefully studied to show the cause for exploration and settlement. The development of the American communities, the intercolonial wars, and the controversies with the English government will be treated in such a way as to seek to establish an understanding of the roots of American nationality.

Mr. DeMond.

15. College Algebra.

First semester, 10:40 a. m.-12:20 p. m. Room 211. Two points credit.

A preliminary review of elementary algebra, followed by study of Progressions, Binomial Theorem, Permutations and Combinations, Logarithms, Theory of Equations, Graphs.

Joseph F. Phillippi, A. M., Professor of Mathematics, Buffalo State Teachers College.

16. Handwriting.

First semester, 9-10:40 a. m. Room 202. Two points credit.

The course in Handwriting will give special attention to the pedagogy and practice of muscular movement writing; to the study of common errors, special methods, devices, scales for measuring results, and different systems of writing. The class will construct a course of study for an elementary school.

Luella Chapman, Instructor in Penmanship, Buffalo State Teachers College.

17. Supervision of Extra-curricula Activities.

First semester, 10:40 a. m.-12:20 p. m. Room 104. Two points credit.

Value, objectives, and relation to the general administrative program. Detailed study of club organization, student government, class activities, etc. Practical suggestions for securing democratic participation and educative control.

Catherine E. Reed, A. M., Dean of Women, Buffalo State Teachers College.



**18. Geography of North America.**

Second semester, 10:40 a. m.-12:20 p. m. Room 102. Two points credit.

The purpose of this course is to illustrate the application of the principles of geographic thought in a continental study. The most important geographic relations of North America, both physical and economic, will be covered, this to serve as a type for the geographic study of any similar area. The new New York state syllabus for the study of North America will be discussed, and time will be allowed for the discussion of problems of teaching geography in the various grades.

A background of geographic training is recommended for admission to this course.

G. W. Morris, A. M., Assistant in Geography, Buffalo State Teachers College.

**MID-WEEK CLASSES AT HUTCHINSON HIGH SCHOOL**  
(Tuition free.)

**19. Administration.**

First semester, Wednesday, 4:30-5:30 p. m. Room 209. One point credit.

This course is designed for those who are interested in a discussion of the general plan and purpose underlying the administration of a public school. It will undertake to study some of the means by which these purposes may be secured.

Ernest C. Hartwell, Pd. D., Superintendent of Schools, Buffalo.

**20. High School History.**

Second semester, Thursday, 4:00-5:00 p. m. Room 190.

This course is for high school teachers. It will be a composite course, conducted by teachers of experience, and will be for the purpose of giving the widest possible opportunity for presentation and discussion of content and method.

Under the direction of Charles J. Costello, Principal of East High School.

**21. High School English.**

Second semester, Thursday, 4:00-5:00 p. m. Room 140.

This course is for high school teachers. It will be a composite course, conducted by teachers of experience, and will be for the purpose of giving the widest possible opportunity for presentation and discussion of content and method.

Under the direction of Charles Elbert Rhodes, Principal of Bennett High School.

**22. High School Mathematics.**

Second semester, Thursday, 4:00-5:00 p. m. Room 180.

This course is for high school teachers. It will be a composite course, conducted by teachers of experience, and will be for the purpose of giving the widest possible opportunity for presentation and discussion of content and method.

Under the direction of Calvert K. Mellen, Principal of Lafayette High School.

**23. Commercial Subjects in High School.**

Second semester, Thursday, 4:00-5:00 p. m. Room 111.

This course is for high school teachers. It will be a composite course, conducted by teachers of experience, and will be for the purpose of giving the widest possible opportunity for presentation and discussion of content and method.

Under the direction of M. Smith Thomas, Principal of Hutchinson-Central High School.

**24. Methods in Arithmetic (Grades 5 to 8).**

First semester, Tuesday, 4:30-5:30 P. M. Room 240.

M. Elsie Davis, A. B., School No. 8, Buffalo City Schools.

**25. Poetry Appreciation.**

First and second semesters, Grades 1-8, Thursday, 4:30-5:30 p. m. Room 340.

This course will include work in speech improvement and vocal technique.

Edith Parker, Buffalo City Schools.

**26. Primary Methods.**

First and second semesters, Wednesday, 4:30-5:30 p. m. Room 240.

Harriet L. Butler, A. B., Deputy Superintendent of Schools, Buffalo.

**27. Methods in Reading (Grades 4 and 5).**

Second semester, Wednesday, 4:30-5:30 p. m. Room 290.

Alvin W. Shepard, B. S., Deputy Superintendent of Schools, Buffalo.

**28. Methods in Geography (Grade 7)**

First semester, Wednesday, 4:30-5:30 p. m. Room 190.

Charles P. Alvord, Deputy Superintendent of Schools, Buffalo.



29. **Methods in Silent Reading** (Grades 6, 7 and 8)  
Second semester, Room 190.  
Mr. Alvord.

30. **Methods in Geography** (Grades 5 and 6).  
First and second semesters, Tuesday, 4:30-5:30 p. m., School No. 76.  
This course is designed for those teachers who are using the new geography syllabus.  
Alvin W. Shepard, B. S., Deputy Superintendent of Schools, Buffalo.

### HOME ECONOMICS COURSES.

(Classes are subject to change in case of insufficient registration.)

31. **Textiles B.**  
First semester. Lecture, 1 period; laboratory, 2 periods. Two points credit.  
The study of textiles from the economic and productive standpoint and the identification of materials and weaves through practical applications.  
Mrs. Mary C. Nye.

32. **Textiles A.**  
Second semester. Lecture, 1 period; laboratory, 2 periods. Two points credit.  
Laboratory and household tests of a chemical nature are used to give a practical knowledge of textiles from the standpoint of composition, usability, and conservation of fabrics.  
Miss Faye Keever.

### VOCATIONAL INDUSTRIAL COURSES.

33. **Educational and Vocational Guidance.**  
First semester, 9-10:40 a. m. Room 102. Two points credit.  
A general survey of the Vocational Guidance movement; a study of the principles and application of Educational and Vocational Guidance; school progress; measuring potential and actual achievement; problems involving acceleration, retardation, specialization and enrichment; problems of adjustment of individuals and groups; anticipating school leaving and adjustment of school program to pupils' needs; occupational study and, a study of the needs and administration of a placement and follow-up service.  
Harris C. Allen, Supervisor of Vocational Guidance, Niagara Falls.

### 34. Principles of Secondary Education.

First semester, 9-10:40 a. m. Room 110. Two points credit.  
Work in this course will cover the principles of organization and administration of public schools above the elementary grades. The principal texts will be Reorganization of Secondary Education by Inglis, and Public School Administration by Cubberley.  
G. M. Quackenbush, Assistant in Vocational Education, Buffalo State Teachers College.

### 35. Labor Problems and Labor Legislation.

First semester, 10:40 a. m.-12:20 p. m. Room 103. Two points credit.  
This course will trace the history of American labor from the colonial period to the present time, colonial manufactures, the rise of the factory system, labor legislation, growth of trade unions, employers' associations, strikes, lockouts, and arbitration will be studied, as well as shop committees, safety and health measures to protect the worker and rehabilitation as carried on by the states.  
Mr. DeMond.

### 36. English (Oral and Written Composition)

First semester, 10:40 a. m.-12:20 p. m. Room 101. Two points credit.  
This course has been arranged for vocational school teachers. Emphasis will be placed on letter writing, word sturdy, correction of speech errors, and oral expression. Students in this course will have ample opportunity for practice in giving prepared and extemporaneous oral topics during the class period.  
A. W. Grabau, Assistant in Vocational Education, Buffalo State Teachers College.

### 37. Applied Mathematics.

Second semester, 9-10:40 a. m. Room 110. Two points credit.  
This course will attempt to cover those phases of mathematics which have a direct application to shop and drafting room processes. No attempt will be made to establish a general background in Mathematics but, where it is found that certain fundamentals are required for the solution of shop problems, that work will be given. For so far as possible the work will be of an individual nature.  
E. L. Morrice, Assistant in Vocational Education, Buffalo State Teachers College.

### 38. Sociology for Vocational Teachers.

Second semester, 9-10:40 a. m. Room 102. Two points credit.  
This course will include the study of certain sociological concepts which are necessary as a foundation for the course; methods of



sociological investigation of situations faced by vocational teachers and an analysis of several social problems associated with modern industry and which are of special significance for the educator.

Dr. Neumann.

**39. Principles and Problems of Part-time Education.**

Second semester, 10:40 a. m.-12:20 p. m. Room 110. Two points credit.

A study of the purposes and problems of the various courses in part-time education. Special attention will be given to the study of qualifications of teachers, nature of the part-time teachers' duties, a general review of the organization and management of part-time work for both boys and girls.

William Regan, Principal, Central Continuation School, Buffalo.

**40. Specialized Vocational Psychology.**

Second semester, 10:40 a. m.-12:20 p. m. Room 100. Two points credit.

Provisions have been made to offer such a course during the second semester from 10:40 to 12:20. Those desiring to take this work should see Mr. Perkins.